



**SWE-CA, S.A.**

**Jatropha Experience in  
Guatemala**

**2002-2009**

- There are several ways to propagate *Jatropha Curcas* L. The Guatemalan experience after several scientific trials have proved the most efficient way is using cuttings and trays, elevated cultivation.



- Some of the advantages are:
- Compact and easy management of the nursery
  - Shorter growing time, 75-90 days
  - Healthier plants with less chemicals
  - Reduction of water usage
  - Facilitates transport to final planting area.





- The most successful growing mix is 40% blond Peat Moss and 60% Pumice Stone.

- The Jatropha plants have been planted 1 x 4 meters.
- 2,500 plants / Ha
- Giving fruits after 8 months.



- The trays are placed in metal frames, with 10 trays in each and on top of concrete blocks, 40 cm high.





- Root development of a Jatropha cutting.

- The *Jatropha* seedling, can easily be transported in the trays to the final planting area and planted with planting equipment, such as the hole pipe.

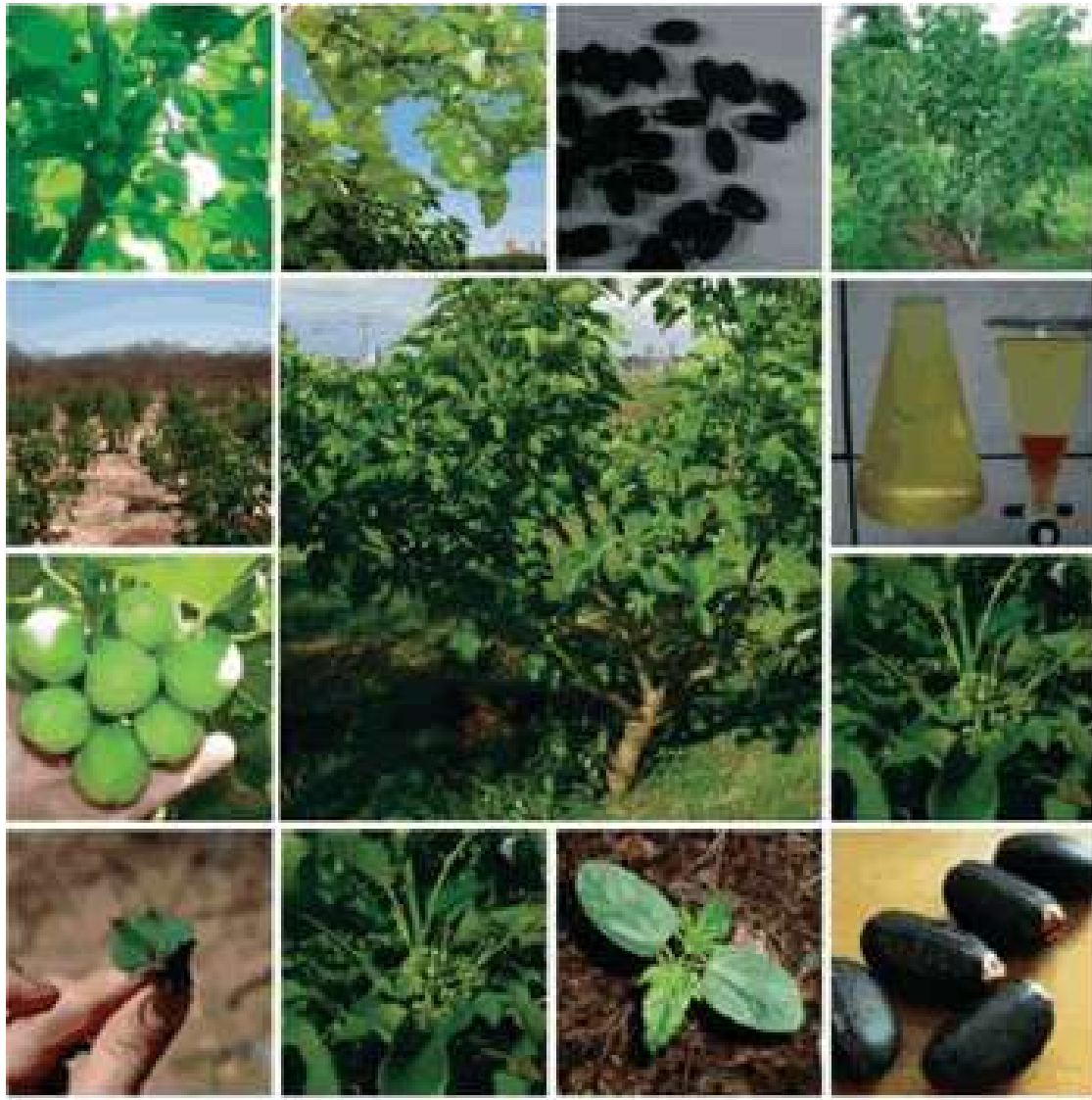


➤ The trays are made of HDPE and have a life expectancy of 10 years in tropical climate. The trays can be used for forestry seedling growth or other crops in between the *Jatropha* growing rotations. Each rigid tray has 24 cells and equal distance in between the cells of 1 cm.

Volume 160 cc

288 cells / m<sup>2</sup>





➤ For large Jatropha projects, the Guatemalan experiences proves the economic benefits of using the elevated cultivation technology.

For more information don't  
hesitate and contact us!

